

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

APPLICATION NO.: 09/688254 ATTY. DOCKET NO.: G0744.70003US00
 FILING DATE: October 13, 2000 CONFIRMATION NO.: 9900
 APPLICANT: Meade et al.
 GROUP ART UNIT: 1636 EXAMINER: C.X. Qian

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U.S. PATENT DOCUMENTS

Examiner's Initials ¹	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
/C.Q./		4,816,937		Fukushima	03-28-1989
		5,639,640		Reddy	06-17-1997
		5,523,226		Wheeler	06-04-1996
		5,573,933		Seamark	11-12-1996
		7,101,971		Meade	09-05-2006
		7,045,676		Gordon	05-16-2006
		7,019,193		DiTullio	03-28-2006
		6,743,966		Smith	06-01-2004
		6,727,405		Gordon	04-27-2004
		6,548,653		Meade	04-15-2003
		6,545,198		Echelard	04-08-2003
		6,528,699		Meade	03-04-2003
		6,472,584		Smith	10-29-2002
		6,448,469		Smith	09-10-2002
		6,441,145		DiTullio	08-27-2002
		6,268,487		Kutzko	07-31-2001
		6,210,736		Echelard	04-03-2001
		5,849,992		Meade	12-15-1998
		5,843,705		DiTullio	12-01-1998
		5,827,690		Meade	10-27-1998
		5,756,687		Denman	05-26-1998
		5,741,957		Deboer	04-21-1998
		2007/0192878	A1	Perrault	08-16-2007
		2006/0179493	A1	Meade	08-10-2006
		2006/0130159	A1	Masiello	06-15-2006
		2006/0105347	A1	Meade	05-18-2006
		2005/0260672	A1	Couto	11-24-2005
		2005/0197496	A1	Perrault	09-08-2005
		2005/0181482	A1	Meade	08-18-2005
		2005/0158832	A1	Meade	07-21-2005
		2004/0226053	A1	Meade	11-11-2004
		2004/0226052	A1	Meade	11-11-2004
		2004/0167320	A1	Couto	08-26-2004

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FORM PTO-1449/A and B (Modified PTO/SB/08) INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICATION NO.: 09/688254		ATTY. DOCKET NO.: G0744.70003US00	
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Examiner's Initials #	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
/C.Q./		2004/0143857	A1	Meade	07-22-2004
		2004/0006776	A1	Meade	01-08-2004
		2003/0177513	A1	Echelard	09-18-2003

FOREIGN PATENT DOCUMENTS

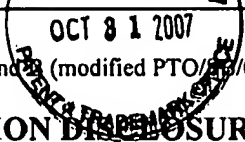
Examiner's Initials #	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
/C.Q./		EP	0 114 589	A1	President and Fellows of Harvard College	08-01-1984	
		WO	02/101021	A2	GTC Biotherapeutics	12-19-2002	
		WO	98/30683		University of Massachusetts	07-16-1998	
		WO	93/25071		DNX Corp	12-23-1993	
		WO	95/04744		DNX Corp	02-16-1995	
		WO	97/07669		Roslin Institute	03-06-1997	

OTHER ART – NON PATENT LITERATURE DOCUMENTS

Examiner's Initials #	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
/C.Q./		[No Author Listed] GENBANK Submission; NIH/NCBI, Accession No. 171365. April 13, 1998.	
		ALEXANDER et al., Complete sequence of the bovine beta-lactoglobulin cDNA. <u>Nucleic Acids Res.</u> , 1989, 17(16):6739	
		ALEXANDER et al., Isolation and characterization of the bovine kappa-casein gene. <u>Eur J Biochem.</u> 1988, 178(2):395-401	
		BADER et al., Transgenic rats: tools to study the function of the renin-angiotensin system. <u>Clin Exp Pharmacol Physiol Suppl.</u> , 1996, 3:S81-7	
		BRIGNON et al., Complete amino acid sequence of bovine alphaS2-casein. <u>FEBS Letters</u> , Apr 1977, 76(2):274-279	
		CAMPBELL et al., Comparison of the whey acidic protein genes of the rat and mouse. <u>Nucleic Acids Res.</u> , 6 Aug 1984, 12(22):8685-97	
		CLARK et al., Expression of human anti-hemophilic factor IX in the milk of transgenic sheep. <u>Bio/Technology</u> , May 1989, 7:487-92	
		DiTULLIO et al., Production of cystic fibrosis transmembrane conductance regulator in the milk of transgenic mice. <u>Bio/Technology</u> , Jan 1992, 10:74-7	
		EBERT et al., Induction of human tissue plasminogen activator in the mammary gland of transgenic goats. <u>Bio/Technology</u> , 1994 Jul, 12(7):699-702	
		GORDON et al., Production of human tissue plasminogen activator in transgenic mouse milk. <u>Bio/Technology</u> , Nov 1987, 5:1183-87	
		GORODETSKY et al., Isolation and characterization of the Bos taurus beta-casein gene. <u>Gene</u> , Mar 1988, 66(1):87-96	

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/C.Q./		HALL et al., Organization and sequence of the human alpha-lactalbumin gene. <u>Biochem J.</u> , 1987, 242(3):735-42	
		HANAI, Separation of polar compounds using carbon columns, <u>J. Chromatography A</u> , 2003, 989:183-96	
		IVANOV et al., Molecular cloning of bovine beta-lactoglobulin cDNA. <u>Biol Chem Hoppe Seyler.</u> , June 1988, 369(6):425-9	
		JAMIESON et al., Cloning and nucleotide sequence of the bovine beta-lactoglobulin gene. <u>Gene</u> , Sept 1987, 61:85-90	
		JONES et al., The rat casein multigene family: Fine structure and evolution of the beta-casein gene. <u>J Biol Chem.</u> , 10 June 1985, 260(11):7042-50	
		JUNGBAUER et al., Monoliths for fast bioseparation and bioconversion and their applications in biotechnology. <u>J. Sep. Sci</u> , July 2004, 27(10-11):767-78	
		MERCIER et al., Structure and Function of Milk Protein Genes. <u>J Dairy Sci.</u> , 1993, 76(10):3079-98.	
		NEWTON et al., Antitransferrin receptor antibody-RNase fusion protein expressed in the mammary gland of transgenic mice. <u>J. Immunological Methods</u> , 1999, 231:159-67	
		PINKERT, Transgenic Animal Technology, A Laboratory Handbook. Academic Press, Inc., 1994, Chapter 8, pages. 235-53	
		RICHARDS et al., Construction and preliminary characterization of the rat casein and alpha-lactalbumin cDNA clones. <u>J Biol Chem.</u> , 10 Jan 1981, 256(1):526-32	
		SOULIER et al., Expression analysis of ruminant alpha-lactalbumin in transgenic mice: developmental regulation and general location of important cis-regulatory elements. <u>FEBS Letters</u> , Feb 1992, 297(1,2):13-8	
		STEWART et al., Nucleotide sequences of bovine alpha S1- and kappa-casein cDNAs. <u>Nucleic Acids Res.</u> , 1984, 12(9):3895-907	
		TOZZI et al., Affinity chromatography techniques based on the immobilisation of peptides exhibiting specific binding activity. <u>J. Chromatography B</u> , 2003, 797:289-304	
		VILOTTE et al., Complete nucleotide sequence of bovine alpha-lactalbumin gene: comparison with its rat counterpart. <u>Biochimie</u> , 1987, 69(6-7):609-20	
		WHITE et al., Production of pigs transgenic for human DAF to overcome complement-mediated hyperacute xenograft rejection in man. <u>64th Forum in Immunology</u> , 1996, pgs. 88-94	
		YOSHIDA, Peptide separation by hydrophilic-interaction chromatography: a review. <u>J Biochem Biophys Methods</u> , 2004, 60:265-280	
		YU-LEE et al., The rat casein multigene family: I. Fine structure of the gamma-casein gene. <u>J Biol Chem.</u> , 10 Sept 1983, 258(17):10794-804	
		Dictionary of Scientific and Technical Terms 5 th ed. (1994) Sybil Parker, MacGraw Hill p1286	
		Dictionary of Scientific and Technical Terms 5 th ed. (1994) Sybil Parker, MacGraw Hill p1311	
		Dictionary of Scientific and Technical Terms 5 th ed. (1994) Sybil Parker, MacGraw Hill p1546	

*A copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. __, filed __, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

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Celine Qian

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Date: 2007.11.23 14:29:40 -0500

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